

Title (en)

METHOD, DEVICE AND SYSTEM FOR IMPLEMENTING FREQUENCY POINT SHIFT BASED ON COGNITIVE RADIO

Title (de)

VERFAHREN, VORRICHTUNG UND SYSTEM ZUR IMPLEMENTIERUNG EINER FREQUENZPUNKTVERSCHIEBUNG AUF COGNITIVE RADIO BASIS

Title (fr)

PROCÉDÉ, DISPOSITIF ET SYSTÈME POUR METTRE EN OEUVRE UN DÉCALAGE DE POINT DE FRÉQUENCE SUR LA BASE DE LA RADIO COGNITIVE

Publication

**EP 2629560 A1 20130821 (EN)**

Application

**EP 11832015 A 20110928**

Priority

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- CN 2011080282 W 20110928

Abstract (en)

The present application relates to of the communication field and discloses a method, device and system for implementing frequency point shift based on CR. The method comprises: determining, by a cognitive base station, a candidate working frequency point for UE deployed in a cognitive frequency band; then sending to the UE broadcast information which at least carries the candidate working frequency point and instructing the UE to shift from the working frequency point currently used thereby to the candidate working frequency point by way of a frequency point shift command. In this way, the UE deployed in the cognitive frequency band can achieve frequency point shift quickly and accurately according to the instruction from the cognitive base station when an authorized user accesses the working frequency point currently used by the UE, effectively avoiding interference to the authorized user and thereby ensuring the service performance and service continuity of the system. The present application also discloses a corresponding device and system.

IPC 8 full level

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